AUTHOR INDEX TO VOLUME 68

Acet, M., W. Stamm, H. Zähres and E.F. Wassermann, Magnetovolume effects in $Fe_{80-x}Ni_xCr_{20}$ alloys 68 (1987) 233
Albanese, G., see F. Leccabue 68 (1987) 201
Alberts, H.L., On magnetic transitions in α-Ti and Ti–Al alloys 68 (1987) 61
Algarabel, P.A., A. del Moral, M.R. Ibarra, J.B. Sousa, J.M. Moreira and J.F. Montenegro, Magnetostriction of the $NdCo_5$ uniaxial permanent magnet 68 (1987) 177
Alp, E.E., A.M. Umarji, S.K. Malik, G.K. Shenoy, M.Q. Huang, E.B. Boltich and W.E. Wallace, ^{57}Fe Mössbauer studies on Si-substituted Er_2Fe_{17} 68 (1987) 305
Anioła-Jędrzejek, L., see A. Kozłowski 68 (1987) 95
Ares Muzio, O., see F. Leccabue 68 (1987) 201
Averbuch-Pouchot, M.T., R. Chevalier, J. Deportes, B. Kebe and R. Lemaire, Anisotropy of the magnetization of the iron hyperfine field in R_2Fe_{17} compounds 68 (1987) 190
Aydinuraz, A., see R.H. Mutlu 68 (1987) 328

Bakonyi, I., H. Ebert, W. Socher, J. Voitländer, E. Wachtel, N. Willmann and B. Predel, Magnetic properties of amorphous and liquid Ni–P–B alloys 68 (1987) 47
Barandiarán, J.M., see J. González 68 (1987) 151
Baruchel, J., G. Clark, B.K. Tanner and B.E. Watts, Neutron topographic investigation of the Morin transition in flux-grown crystals of α-Fe_2O_3 68 (1987) 374
Beno, M., see B.D. Dunlap 68 (1987) 139
Bloom, S.H., M.V. Kuric, R.P. Guertin, Ch. Jee, D. Nichols, E. Kaczanowicz, J.E. Crow, G. Myer and R.E. Salomon, Pressure and field dependence of the magnetic transition in $GdBa_2Cu_3O_{7-x}$ 68 (1987) 135
Bocelli, G., see F. Leccabue 68 (1987) 365
Boltich, E.B., see E.E. Alp 68 (1987) 305
Böni, P., see L. Dobrzyński 68 (1987) 221
Brandão, D.E., see P. Pureur 68 (1987) 213
Burlet, P., see P. Morin 68 (1987) 107
Buschow, K.H.J., see P.C.M. Gubbens 68 (1987) 238

Calestani, G., see F. Leccabue 68 (1987) 201
Calestani, G., see F. Leccabue 68 (1987) 365
Caudron, R., see P. Pureur 68 (1987) 213
Chen, M.E., see L. Dobrzyński 68 (1987) 221
Chevalier, R., see M.T. Averbuch-Pouchot 68 (1987) 190
Christensen, P.H., see S. Mørup 68 (1987) 160
Clark, G., see J. Baruchel 68 (1987) 374
Clausen, B.S., see S. Mørup 68 (1987) 160
Crabtree, G.W., see B.D. Dunlap 68 (1987) 139
Crow, J.E., see S.H. Bloom 68 (1987) 135
Czopnik, A., see P. Morin 68 (1987) 107

De Boer, F.R., see Z. Henkie 68 (1987) 54
Del Moral, A., see P.A. Algarabel 68 (1987) 177
Deportes, J., see M.T. Averbuch-Pouchot 68 (1987) 190
Diviš, M., Š. Zajac, V. Šima and Z. Smetana, On the temperature dependence of the sublattice magnetizations in $TbCu_2$ 68 (1987) 253
Dobrzyński, L., P. Böni and M.E. Chen, Paramagnetic neutron scattering from an amorphous $Fe_{80}Cr_5B_{15}$ alloy 68 (1987) 221
Dunlap, B.D., M. Slaski, D.G. Hinks, L. Soderholm, M. Beno, K. Zhang, C. Segre, G.W. Crabtree, W.K. Kwok, S.K. Malik, I.K. Schuller, J.D. Jorgensen and Z. Sungaila, Electronic and magnetic properties of rare-earth ions in $REBa_2Cu_3O_{7-x}$ (RE = Dy,Ho,Er) 68 (1987) 139
Durst, K.-D. and H. Kronmüller, The coercive field of sintered and melt-spun NdFeB magnets 68 (1987) 63

Ebert, H., see I. Bakonyi 68 (1987) 47
Elk, K., see L. Jahn 68 (1987) 335

Fassbinder, J., see E. Schmidbauer 68 (1987) 83
Fedorov, Yu.M., A.A. Leksikov and O.V. Vorotynova, Photoinduced dynamic magnetic structure in $FeBO_3$:Ni and its main properties 68 (1987) 383
Fjellvåg, H., see A. Zięba 68 (1987) 115
Fraga, G.L., see P. Pureur 68 (1987) 213
Franse, J.J.M., see Z. Henkie 68 (1987) 54
Freimuth, A., Correlation between transport properties and quasielastic linewidths of Ce and Yb compounds with unstable 4f-shell 68 (1987) 28
Fujita, A., see H. Onodera 68 (1987) 6

Gemperle, R., see P. Novotný 68 (1987) 379
Giraud, M., see P. Morin 68 (1987) 107
Gitterman, M., see D. Pfeffer 68 (1987) 243
Giurgiu, A., see T. Petrişor 68 (1987) 218
González, J., M. Vásquez, J.M. Barandiarán,

V. Madurga and A. Hernando, Different kinds of magnetic anisotropies induced by current annealing in metallic glasses 68 (1987) 151
Gubbens, P.C.M., A.M. van der Kraan, R.P. van Stapele and K.H.J. Buschow, ^{169}Tm Mössbauer effect in $Tm_2Fe_{14}B$ 68 (1987) 238
Guertin, R.P., see S.H. Bloom 68 (1987) 135
Guo Mian and T. Yamaguchi, Stress effect on the magnetization process in Ni–Cu–Zn ferrite in a weak field 68 (1987) 351

Hagen, M., M. Hein, N. Klein, A. Michalke, G. Müller, H. Piel, R.W. Röth, F.M. Mueller, H. Sheinberg and J.-L. Smith, Observation of rf superconductivity in $Y_1Ba_2Cu_3O_{9-\delta}$ at 3 GHz (*Letter to the Editor*) 68 (1987) L1
Hartmann, U., A theoretical analysis of Bitter-pattern evolution 68 (1987) 298
Hein, M., see M. Hagen 68 (1987) L1
Henkie, Z., R. Maślanka, Cz. Oleksy, J. Przystawa, F.R. de Boer and J.J.M. Franse, High field magnetisation and Hall effect of U_3Sb_4 single crystals 68 (1987) 54
Hernando, A., see J. González 68 (1987) 151
Hinks, D.G., see B.D. Dunlap 68 (1987) 139
Hirosawa, S., see H. Onodera 68 (1987) 6
Hirosawa, S., see H. Onodera 68 (1987) 15
Huang, M.Q., see E.E. Alp 68 (1987) 305

Ibarra, M.R., see P.A. Algarabel 68 (1987) 177
Inoue, K., see H. Tange 68 (1987) 102
Inoue, M., see H. Negishi 68 (1987) 271

Jahn, L., K. Elk and R. Schumann, Angular dependence of the coercive force of textured rare earth permanent magnets 68 (1987) 335
Jankowski, H., see J. Wenda 68 (1987) 391
Jee, Ch., see S.H. Bloom 68 (1987) 135
Jones, M.R.B., see A.J. Pointon 68 (1987) 228
Jorgensen, J.D., see B.D. Dunlap 68 (1987) 139
Jurczyk, M., A.T. Pedziwiatr, S.G. Sankar and W.E. Wallace, Magnetic properties of some RCo_2B_2 and RCo_4B_4 compounds 68 (1987) 257
Jurczyk, M. and A. Kowalczyk, Effect of silicon additions on the magnetic properties of $Nd_2Fe_{12}Co_2B$ alloy 68 (1987) 331

Kaczanowicz, E., see S.H. Bloom 68 (1987) 135
Kaczér, J., see P. Novotný 68 (1987) 379
Kaneko, T., see T. Kanomata 68 (1987) 286
Kanomata, T., K. Shirakawa, H. Yasui and T. Kaneko, Effect of hydrostatic pressure on the magnetic transition temperatures of MnRhAs 68 (1987) 286
Karjalainen, P., see R. Rautioaho 68 (1987) 314
Karjalainen, P., see R. Rautioaho 68 (1987) 321
Kebe, B., see M.T. Averbuch-Pouchot 68 (1987) 190
Kjekshus, A., see A. Zięba 68 (1987) 115
Klein, N., see M. Hagen 68 (1987) L1
Korneta, W. and Z. Pytel, Uniaxial ferromagnetic film in magnetic field perpendicular to the easy axis 68 (1987) 171
Kowalczyk, A., see M. Jurczyk 68 (1987) 331
Kozłowski, A., A. Maksymowicz, Z. Tarnawski, A. Lewicki, J. Żukrowksi and L. Anioła-Jędrzejek, Magnetic properties and specific heat of $Tm_{1-x}Lu_xCu_2Si_2$ 68 (1987) 95
Kronmüller, H., see K.-D. Durst 68 (1987) 63
Kułak, A., see J. Wenda 68 (1987) 391
Kuric, M.V., see S.H. Bloom 68 (1987) 135
Kwok, W.K., see B.D. Dunlap 68 (1987) 139

Lan, J., see W.-d. Zhong 68 (1987) 197
Leccabue, F., O. Ares Muzio, M. Safei Eldin Kany, G. Calestani and G. Albanese, Magnetic properties and phase formation of $SrMn_2Fe_{16}O_{27}$($SrMn_2$–W) hexaferrite prepared by the coprecipitation method 68 (1987) 201
Leccabue, F., R. Panizzieri, G. Bocelli, G. Calestani, C. Rizzoli and N. Suarez Almodovar, Crystal structure and magnetic characterization of $Sr_2Zn_2Fe_{28}O_{46}$ (SrZ–X) hexaferrite single crystal 68 (1987) 365
Leksikov, A.A., see Yu.M. Fedorov 68 (1987) 383
Lemaire, R., see M.T. Averbuch-Pouchot 68 (1987) 190
Lewicki, A., see A. Kozłowski 68 (1987) 95
Liu, Z.-x., see W.-d. Zhong 68 (1987) 197

Madurga, V., see J. González 68 (1987) 151
Maksymowicz, A., see A. Kozłowski 68 (1987) 95
Maksymowicz, L.J., see J. Wenda 68 (1987) 391
Malik, S.K., see B.D. Dunlap 68 (1987) 139
Malik, S.K., see E.E. Alp 68 (1987) 305
Maślanka, R., see Z. Henkie 68 (1987) 54
Michalk, C., Mössbauer study of MnZn ferrite formation under low oxygen pressure conditions 68 (1987) 157
Michalke, A., see M. Hagen 68 (1987) L1
Missell, F.P., see A.M. Severino 68 (1987) 291
Mohn, P. and E.P. Wohlfarth, The Curie temperature of $ZrZn_2$ (*Letter to the Editor*) 68 (1987) L283
Moilanen, M., see R. Rautioaho 68 (1987) 314
Moilanen, M., see R. Rautioaho 68 (1987) 321
Montenegro, J.F., see P.A. Algarabel 68 (1987) 177
Moreira, J.M., see P.A. Algarabel 68 (1987) 177
Morin, P., M. Giraud, P. Burlet and A. Czopnik, Antiferroquadrupolar and antiferromagnetic structures in $TmGa_3$ 68 (1987) 107
Mørup, S., P.H. Christensen and B.S. Clausen, Magnetic hyperfine splitting in superparamagnetic particles in external magnetic fields 68 (1987) 160

Mueller, F.M., see M. Hagen 68 (1987) L1
Müller, G., see M. Hagen 68 (1987) L1
Murtinová, L., see P. Novotný 68 (1987) 379
Mutlu, R.H. and A. Aydinuraz, Effect of particle size on the magnetic properties of NiB 68 (1987) 328
Myer, G., see S.H. Bloom 68 (1987) 135

Negishi, H., H. Takahashi and M. Inoue, Linear and nonlinear ac magnetic susceptibilities in intercalation compounds Fe_x-TiS_2 68 (1987) 271
Neogy, D. and T. Purohit, Magnetism of $Eu(BrO_3)_3 \cdot 9H_2O$ and the crystal field 68 (1987) 344
Nichols, D., see S.H. Bloom 68 (1987) 135
Nieva, G., see P. Pureur 68 (1987) 213
Novotný, P., R. Gemperle, L. Murtinová and J. Kaczér, Experimental evidence of the magnetic moment of Bloch walls in garnet films 68 (1987) 379

Oleksy, Cz., see Z. Henkie 68 (1987) 54
Onodera, H., A. Fujita, H. Yamamoto, M. Sagawa and S. Hirosawa, Mössbauer study of the intermetallic compound $Nd_2Fe_{14}B$. I. Interpretation of complex spectrum 68 (1987) 6
Onodera, H., H. Yamauchi, M. Yamada, H. Yamamoto, M. Sagawa and S. Hirosawa, Mössbauer study of the intermetallic compound $Nd_2Fe_{14}B$. II. Temperature dependence and spin reorientation 68 (1987) 15

Panizzieri, R., see F. Leccabue 68 (1987) 365
Pedziwiatr, A.T., see M. Jurczyk 68 (1987) 257
Pedziwiatr, A.T., see L.Y. Zhang 68 (1987) 309
Petrişor, T., A. Giurgiu and I. Pop, Itinerant antiferromagnetism of the Th–Si solid solutions 68 (1987) 218
Pfeffer, D. and M. Gitterman, Parametric resonance in magnetic fluids 68 (1987) 243
Piel, H., see M. Hagen 68 (1987) L1
Pointon, A.J., T.E. Whall, Y.G. Proykova, K.K. Yeung and M.R.B. Jones, High-spin low-spin transition in nickel ferrous ferrite under pressure 68 (1987) 228
Pop, I., see T. Petrişor 68 (1987) 218
Pourarian, F., see L.Y. Zhang 68 (1987) 309
Predel, B., see I. Bakonyi 68 (1987) 47
Proykova, Y.G., see A.J. Pointon 68 (1987) 228
Przystawa, J., see Z. Henkie 68 (1987) 54
Pureur, P., G.L. Fraga, D.E. Brandão, R. Caudron, H. Safa and G. Nieva, Specific heat measurements in scandium–rare earth anisotropic spin glasses 68 (1987) 213
Pureur, P., see J. Schaf 68 (1987) 358
Purohit, T., see D. Neogy 68 (1987) 344
Pytel, Z., see W. Korneta 68 (1987) 171

Rautioaho, R., P. Karjalainen and M. Moilanen, Stress response of Barkhausen noise in a tempered C–Mn steel 68 (1987) 314
Rautioaho, R., P. Karjalainen and M. Moilanen, Stress response of Barkhausen noise and coercive force in 9Ni steel 68 (1987) 321
Rizzoli, C., see F. Leccabue 68 (1987) 365
Roshko, R.M., see I. Yeung 68 (1987) 39
Röth, R.W., see M. Hagen 68 (1987) L1
Roudaut, E., see J.K. Yakinthos 68 (1987) 90
Safa, H., see P. Pureur 68 (1987) 213
Safei Eldin Kany, M., see F. Leccabue 68 (1987) 201
Sagawa, M., see H. Onodera 68 (1987) 6
Sagawa, M., see H. Onodera 68 (1987) 15
Salomon, R.E., see S.H. Bloom 68 (1987) 135
Sankar, S.G., see M. Jurczyk 68 (1987) 257
Schaf, J. and P. Pureur, Magnetotransport in $Ni_{71}Mn_{29}$ as a function of magnetic and atomic ordering 68 (1987) 358
Schmidbauer, E. and J. Fassbinder, Aftereffect of magnetic susceptibility in Fe–Ti spinels and cation diffusion 68 (1987) 83
Schuller, I.K., see B.D. Dunlap 68 (1987) 139
Schumann, R., see L. Jahn 68 (1987) 335
Segre, C., see B.D. Dunlap 68 (1987) 139
Severino, A.M. and F.P. Missell, New analysis of the small-angle-magnetization–rotation method for magnetostriction measurements on amorphous ribbons 68 (1987) 291
Sheinberg, H., see M. Hagen 68 (1987) L1
Shenoy, G.K., see E.E. Alp 68 (1987) 305
Shirakawa, K., see H. Tange 68 (1987) 102
Shirakawa, K., see T. Kanomata 68 (1987) 286
Šima, V., see M. Diviš 68 (1987) 253
Slaski, M., see B.D. Dunlap 68 (1987) 139
Smetana, Z., see M. Diviš 68 (1987) 253
Smith, J.-L., see M. Hagen 68 (1987) L1
Socher, W., see I. Bakonyi 68 (1987) 47
Soderholm, L., see B.D. Dunlap 68 (1987) 139
Sousa, J.B., see P.A. Algarabel 68 (1987) 177
Spronken, G., see C. Tannous 68 (1987) 261
Stamm, W., see M. Acet 68 (1987) 233
Suarez Almodovar, N., see F. Leccabue 68 (1987) 365
Sukiennicki, A., see J.J. Żebrowski 68 (1987) 76
Sungaila, Z., see B.D. Dunlap 68 (1987) 139

Takahashi, H., see H. Negishi 68 (1987) 271
Tange, H., K. Inoue and K. Shirakawa, Pressure effect on Curie temperature in $(CoTm)_{90}Zr_{10}$ (Tm = Cr,Mo) amorphous alloys 68 (1987) 102
Tanner, B.K., see J. Baruchel 68 (1987) 374
Tannous, C. and G. Spronken, Dimerization gap of Heisenberg antiferromagnetic $S = 1/2$ chains at $T = 0$ K 68 (1987) 261
Tarnawski, Z., see A. Kozłowski 68 (1987) 95

Umarji, A.M., see E.E. Alp 68 (1987) 305

Van der Kraan, A.M., see P.C.M. Gubbens 68 (1987) 238
Van Stapele, R.P., see P.C.M. Gubbens 68 (1987) 238
Vásquez, M., see J. González 68 (1987) 151
Voitländer, J., see I. Bakonyi 68 (1987) 47
Vorotynova, O.V., see Yu.M. Fedorov 68 (1987) 383

Wachtel, E., see I. Bakonyi 68 (1987) 47
Wallace, W.E., see M. Jurczyk 68 (1987) 257
Wallace, W.E., see E.E. Alp 68 (1987) 305
Wallace, W.E., see L.Y. Zhang 68 (1987) 309
Wassermann, E.F., see M. Acet 68 (1987) 233
Watts, B.E., see J. Baruchel 68 (1987) 374
Wenda, J., L.J. Maksymowicz, H. Jankowski and A. Kułak, Magnetic anisotropy in thin films of metallic glasses $Fe_{1-x}B_x$ alloys 68 (1987) 391
Whall, T.E., see A.J. Pointon 68 (1987) 228
Williams, G., see I. Yeung 68 (1987) 39
Willmann, N., see I. Bakonyi 68 (1987) 47
Wohlfarth, E.P., see P. Mohn 68 (1987) L283

Yakinthos, J.K. and E. Roudaut, The squared modulated magnetic structure of $HoRu_2Ge_2$ 68 (1987) 90
Yamada, M., see H. Onodera 68 (1987) 15
Yamaguchi, T., see Guo Mian 68 (1987) 351
Yamamoto, H., see H. Onodera 68 (1987) 6
Yamamoto, H., see H. Onodera 68 (1987) 15
Yamauchi, H., see H. Onodera 68 (1987) 15
Yasui, H., see T. Kanomata 68 (1987) 286
Yeung, I., R.M. Roshko and G. Williams, Corrections to scaling in disordered systems with competing interactions 68 (1987) 39
Yeung, K.K., see A.J. Pointon 68 (1987) 228

Zähres, H., see M. Acet 68 (1987) 233
Zajac, Š., see M. Diviš 68 (1987) 253
Żebrowski, J.J. and A. Sukiennicki, Domain wall motion in a semi-infinite crystal with high perpendicular anisotropy 68 (1987) 76
Zhang, K., see B.D. Dunlap 68 (1987) 139
Zhang, L.Y., A.T. Pedziwiatr, F. Pourarian and W.E. Wallace, Influence of hydrogen on the magnetic properties of hyperstoichiometric $ZrMn_2T_{0.8}$ (T = Fe, Co, Ni and Cu) 68 (1987) 309
Zhang, Y.Z., Disaccomodation phenomenon in $Fe_{82}B_{18-x}C_x$ and $Fe_{82}B_{18-x}Si_x$ metallic glasses 68 (1987) 145
Zhong, W.-d., J. Lan and Z.-x. Liu, Magnetic investigations of $Dy(Fe_{0.9}M_{0.1})_2$ (M = B, Al, Ga) cubic Laves phases 68 (1987) 197
Zięba, A., H. Fjellvåg and A. Kjekshus, Transition between helimagnetic states in $Mn_{1-t}Cr_tAs$: phase diagram and effect of strong magnetic field 68 (1987) 115
Żukrowksi, J., see A. Kozłowski 68 (1987) 95

SUBJECT INDEX TO VOLUME 68

Actinides 68 (1987) 54
Aftereffect 68 (1987) 83
Amorphous systems
– alloys 68 (1987) 102
– ferromagnets 68 (1987) 221, 291
– metallic glasses 68 (1987) 47, 151
Anisotropy
– induced 68 (1987) 151
– magnetocrystalline 68 (1987) 190
– metallic glasses 68 (1987) 151, 391
– perpendicular 68 (1987) 76
– spin glasses 68 (1987) 213
Anisotropy fields 68 (1987) 365
– composition-dependent 68 (1987) 331
Antiferromagnetism 68 (1987) 95, 218, 261

Barkhausen noise 68 (1987) 314, 321
Bitter patterns 68 (1987) 298
Bloch walls 68 (1987) 298, 379

Chalcogenides 68 (1987) 271
Coercivity 68 (1987) 63, 321, 335
Competing interactions 68 (1987) 39
Crystal electric field 68 (1987) 95, 253
Crystal field
– RE compounds 68 (1987) 344
Crystal structure 68 (1987) 309, 365
Curie temperature 68 (1987) 283, 365
– composition-dependent 68 (1987) 305, 309, 331
– pressure-dependent 68 (1987) 102

Diffusion
– cation 68 (1987) 83
Disaccommodation 68 (1987) 145
Disordered systems 68 (1987) 39
Domain
– wall motion 68 (1987) 76

Electrical resistivity 68 (1987) 28, 61, 139, 358

Ferrites 68 (1987) 157, 201, 228, 351, 365
Ferromagnetic
– films 68 (1987) 171
Ferromagnets 68 (1987) 39, 221
– weak 68 (1987) 283, 374

Garnet films 68 (1987) 379
Grain-size distribution 68 (1987) 63

Hall effect 68 (1987) 54
Heat capacity 68 (1987) 139, 344
Heisenberg antiferromagnetic chains 68 (1987) 261
High magnetic field 68 (1987) 115
Hydrogen absorption 68 (1987) 309
Hyperfine fields 68 (1987) 6, 190, 238
Hyperfine splitting 68 (1987) 160
Hysteresis loop 68 (1987) 63

Intermetallic compounds 68 (1987) 6, 15, 197
Isomer shifts 68 (1987) 6
Itinerant electrons
– antiferromagnetism 68 (1987) 218
– weak ferromagnetism 68 (1987) 283

Lattice defects 68 (1987) 328
Laves phase compounds 68 (1987) 197
Linewidth
– quasielastic 68 (1987) 28

Magnetic fluids 68 (1987) 243
Magnetic hardening 68 (1987) 63
Magnetic ordering 68 (1987) 358
Magnetic phase diagram 68 (1987) 107, 115, 171
Magnetic structures 68 (1987) 90, 107
– dynamic 68 (1987) 383
Magnetic transitions 68 (1987) 61
Magnetization
– composition-dependent 68 (1987) 305, 331
– field-dependent 68 (1987) 47, 190, 257, 309
– high-field 68 (1987) 54
– processes 68 (1987) 107, 351, 379
– saturation 68 (1987) 201, 365
– temperature-dependent 68 (1987) 197, 218, 253, 257, 286, 309
Magnetoelasticity 68 (1987) 177
Magneto-optics 68 (1987) 383
Magnetoresistance
– spin glasses 68 (1987) 358
Magnetostriction 68 (1987) 177, 291
Magnetovolume effects 68 (1987) 102, 233
Metallic glasses 68 (1987) 145, 151, 391
Microfield distribution 68 (1987) 298
Microwave losses 68 (1987) 1
Molecular-field model 68 (1987) 253

Mössbauer spectroscopy
- ferrites 68 (1987) 157, 201
- intermetallic compounds 68 (1987) 6, 15
- rare-earth compounds 68 (1987) 238
- rare earth–transition metal compounds 68 (1987) 305
- small particles 68 (1987) 160

Neutron diffraction 68 (1987) 90, 374
Neutron scattering
- inelastic 68 (1987) 221
Nonlinear behaviour 68 (1987) 243
Nonlinear susceptibility 68 (1987) 39, 271

Paramagnetic scattering 68 (1987) 221
Parametric resonance 68 (1987) 243
Particles
- size 68 (1987) 328
- superparamagnetic 68 (1987) 160
Permanent magnets 68 (1987) 6, 15, 63, 177, 238, 331, 335

Permeability
- initial 68 (1987) 145, 201
Phase transitions
- amorphous–crystalline 68 (1987) 47
- ferro-paramagnetic 68 (1987) 171, 286
- ferromagnetic-spin glass 68 (1987) 358
- first-order 68 (1987) 286
- helimagnetic 68 (1987) 115
- high-spin–low-spin 68 (1987) 228
- magnetic 68 (1987) 61, 135
- Morin 68 (1987) 374
- second-order 68 (1987) 171, 286
Pressure effect 68 (1987) 102, 135, 228, 286

Quadrupole splittings 68 (1987) 238

Rare earth
- compounds 68 (1987) 344
- intermetallic compounds 68 (1987) 28, 107, 253
- permanent magnets 68 (1987) 335
- spin glasses 68 (1987) 213

Rare earth–transition metal alloys 68 (1987) 331
Rare earth–transition metal compounds 68 (1987) 6, 15, 90, 95, 135, 139, 177, 190, 238, 257, 305

Scaling 68 (1987) 39
Small-angle-magnetization –rotation method 68 (1987) 291
Sound velocity 68 (1987) 61
Specific heat 68 (1987) 95, 213
Spin glass 68 (1987) 39, 213
Spin reorientation 68 (1987) 15
Spinel system 68 (1987) 83
Stoner theory 68 (1987) 283
Stress effects 68 (1987) 314, 321, 351
Superconductivity
- high T_c 68 (1987) 1, 135, 139
Susceptibility
- ac 68 (1987) 271
- domain wall 68 (1987) 379
- initial 68 (1987) 83
- paramagnetic 68 (1987) 328
- particle-size-dependent 68 (1987) 328
- temperature-dependent 68 (1987) 47, 95, 139, 286, 309, 344

Ternary rare earth compounds 68 (1987) 90
Texture 68 (1987) 335
Thermal expansion 68 (1987) 233
Thermopower 68 (1987) 28
Thin films 68 (1987) 171, 391
Transition metal
- alloys 68 (1987) 61, 233
- compounds 68 (1987) 271, 286, 309
- ferrite 68 (1987) 351
Transport properties 68 (1987) 28

X-ray diffraction 68 (1987) 201